

# Appendix S1 Sampling locations and number of haplotypes for the sampled populations

Species	Country	No.	Population	Origin*	Collaborators, providing samples	Vouchers**	n	1	2	3	4	5	6
<i>P. alba</i>	Austria	1	Vienna Danube_c	NP	Own sampling ( <i>Lexer et al.</i> 2005, 2007)	S	41	1	1	0	0	0	0
<i>P. alba</i>	Austria	2	Northern Austria_alba_c	NP	Own sampling	S	32	0	0	0	1	16	0
<i>P. alba</i>	Croatia	3	Central Croatia	NP	Kajba D., Bogdan S. (University of Zagreb, HR)	S	9	0	0	0	7	0	0
<i>P. alba</i>	Croatia	4	Eastern Croatia_alba	NP	Kajba D., Bogdan S. (University of Zagreb, HR)	S	5	0	0	0	0	0	0
<i>P. alba</i>	Czech Republic	5	Czech Republic_alba_c	CC	Cvrčková H., Máchová P. (FGMRI, CZ)	N	23	0	1	1	0	3	1
<i>P. alba</i>	Greece	6	Crete	NP	Van Loo M. (RGB Kew, GB)	S	7	0	0	0	0	0	0
<i>P. alba</i>	Hungary	7	Eastern Hungary_c	NP	Bartha D. (NYME, HU)	S	28	0	0	0	0	0	0
<i>P. alba</i>	Hungary	8	Western Hungary_c	NP	Bartha D. (NYME, HU)	S	8	0	0	0	0	2	0
<i>P. alba</i>	Hungary	9	Southern Hungary_c	NP	Benke A. (ERTI Sarvar, HU)	S	29	0	0	0	0	0	0
<i>P. alba</i>	Italy	10	Northern Italy	CC	Castiglione S. (UniSa, I)	N	4	0	0	0	0	0	0
<i>P. alba</i>	Italy	11	Central Italy	CC	Castiglione S. (UniSa, I)	N	6	0	0	0	0	2	0
<i>P. alba</i>	Italy	12	Southern Italy	CC	Castiglione S. (UniSa, I)	N	6	0	0	0	0	0	0
<i>P. alba</i>	Romania	13	Central Romania	NP	Nica M.S., Ipati A. (ICAS, RO)	S	27	0	0	0	0	0	0
<i>P. alba</i>	Romania	14	Eastern Romania	NP	Nica M.S., Ipati A. (ICAS, RO)	S	12	0	0	0	0	0	0
<i>P. alba</i>	Romania	15	Western Romania	NP	Nica M.S., Ipati A. (ICAS, RO)	S	17	0	0	0	0	0	0
<i>P. alba</i>	Spain	16	Spain	NP	González-Martínez S. (INIA, E)	N	8	0	0	0	0	0	0
<i>P. alba</i>	Tunisia	17	Tunisia	NP	Own sampling	S	6	0	0	0	0	0	0
<i>P. alba</i>	Morocco	18	Morocco	NP	Own sampling	S	3	0	0	0	0	0	0
<i>P. tremula</i>	Austria	19	Northern Austria_trem_c	NP	Own sampling	S	62	0	0	0	0	0	0
<i>P. tremula</i>	Austria	20	Eastern Alps	NP	Own sampling	S	16	0	0	0	0	0	0
<i>P. tremula</i>	Austria	21	Viennese Forest_c	NP	Own sampling	S	10	0	0	0	0	0	0
<i>P. tremula</i>	Austria	22	Northern Alps	NP	Own sampling	S	14	0	0	0	0	0	0
<i>P. tremula</i>	Austria	23	Central Alps	NP	Own sampling	S	10	0	0	0	0	0	0
<i>P. tremula</i>	Croatia	24	Eastern Croatia_trem_c	NP	Kajba D., Bogdan S. (University of Zagreb, HR)	S	10	0	0	0	0	0	0
<i>P. tremula</i>	Czech Republic	25	Czech Republic_trem	CC	Cvrčková H., Máchová P. (FGMRI, CZ)	N	22	0	0	0	0	0	0
<i>P. tremula</i>	Sweden	26	Sweden	NP	Own sampling	C	3	0	0	0	0	0	0

[illegible]

No.	Population	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
1	Vienna Danube_c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Northern Austria_alba_c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Central Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Eastern Croatia_alba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Czech Republic_alba_c	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
6	Crete	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Eastern Hungary_c	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
8	Western Hungary_c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Southern Hungary_c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Northern Italy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Central Italy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Southern Italy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Central Romania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Eastern Romania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Western Romania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Spain	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
17	Tunisia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
18	Morocco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Northern Austria_trem_c	1	1	19	0	0	1	0	2	0	0	2	0	0	0	0
20	Eastern Alps	0	1	4	0	0	0	0	4	0	0	0	0	0	0	0
21	Viennese Forest_c	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0
22	Northern Alps	0	1	3	0	0	0	2	3	0	0	2	0	0	0	0
23	Central Alps	1	0	0	0	6	0	0	1	0	1	0	0	0	0	0
24	Eastern Croatia_trem_c	0	0	4	0	0	0	0	1	0	0	1	0	2	0	0
25	Czech Republic_trem	0	0	4	4	0	0	0	0	1	0	0	0	0	0	0
26	Sweden	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample size (n). \* Origin of samples (NP natural population, CC clone collection); \*\* Available voucher specimens (S silica-gel dried leaves, C clone collection, N no material available)